1233-272A VMD:cjk

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc575 U.S. PTC

In re Application of

PETER FIELD ET AL.

Group Art Unit: 3508

Serial No. 08/800,742

Filed: February 14, 1997

For: ELECTROMECHANICAL

CYLINDER LOCK

OGROUP Art Unit: 3508

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GROUP 3500

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Twelve (12) sheets of formal drawings are submitted herewith to be substituted for the informal drawings included with the application as filed. The drawings have now been corrected as required in Form PTO 948.

Respectfully submitted,

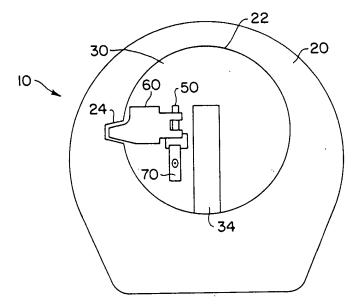
Vincent M. DeLuca

Attorney for Applicants Registration No. 32,408

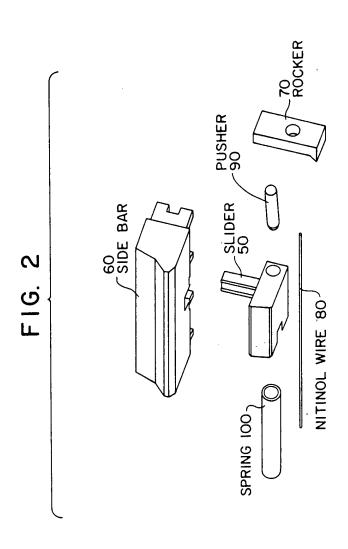
ROTHWELL, FIGG, ERNST & KURZ, p.c. Suite 701-E, 555 13th Street, N.W.

Washington, D.C. 20004 Telephone: (202)783-6040

FIG. I



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FIG. 3A

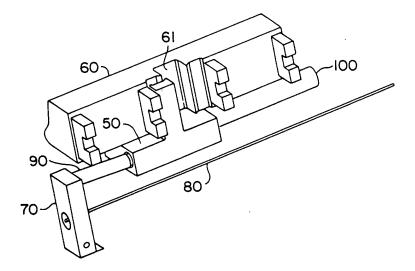
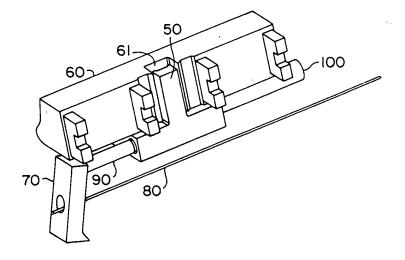


FIG. 3B



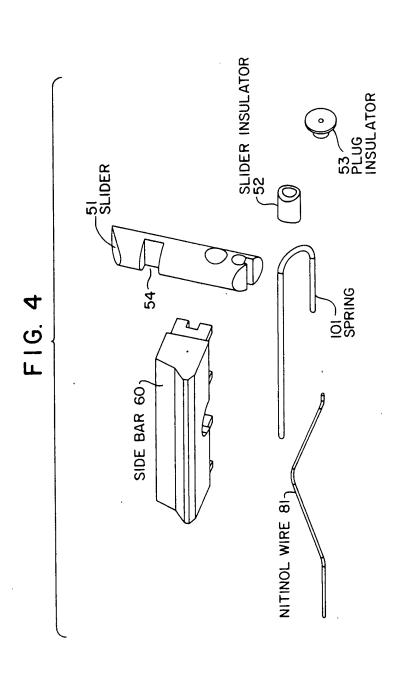


FIG. 5A

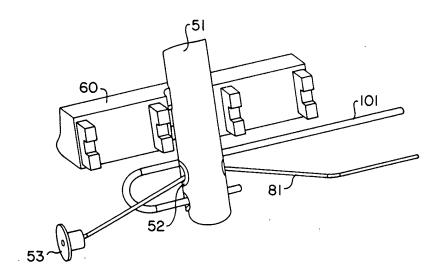
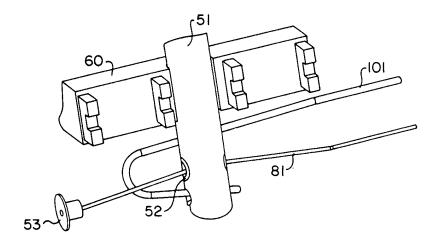
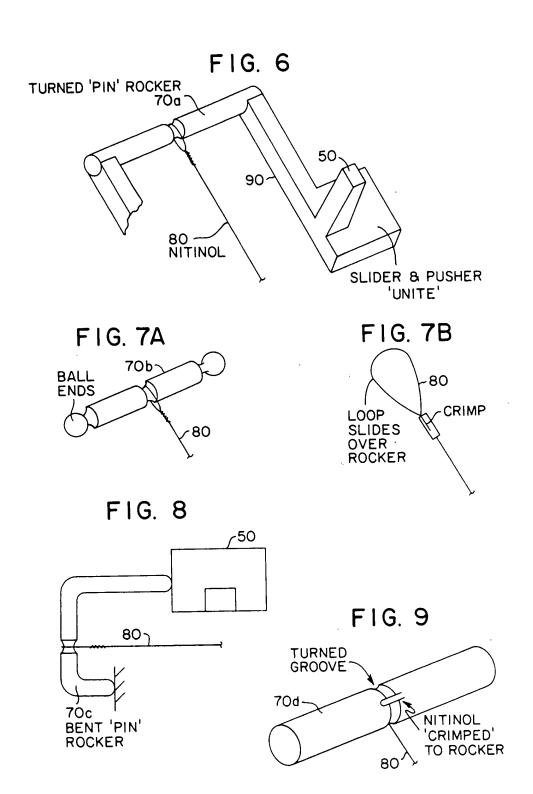


FIG. 5B



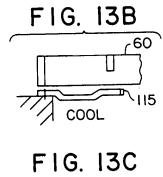


ROCKER III LOW MELT SOLDER NITINOL SPRING SPRING imesSIDE BAR 80 NITINOL (SINGLE CYCLE) F16. 12 9 FIG. 10B /80 NITINOL 60 SIDE BAR IIO LOW MELT SOLDER F16. 11 (SINGLE CYCLE) 637 II2 NITINOL RING F16. 10A

FIG. 13A

60
SIDE
BAR

PRE-LOADED
BI-METALLIC
STRIP



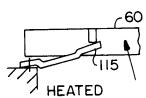


FIG. 14

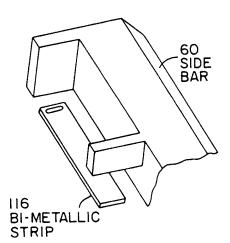
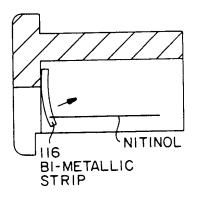
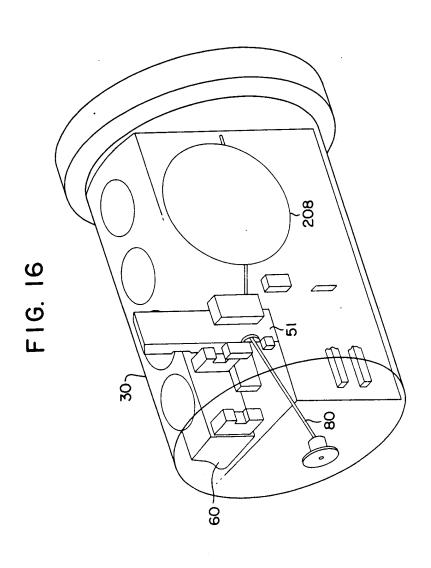
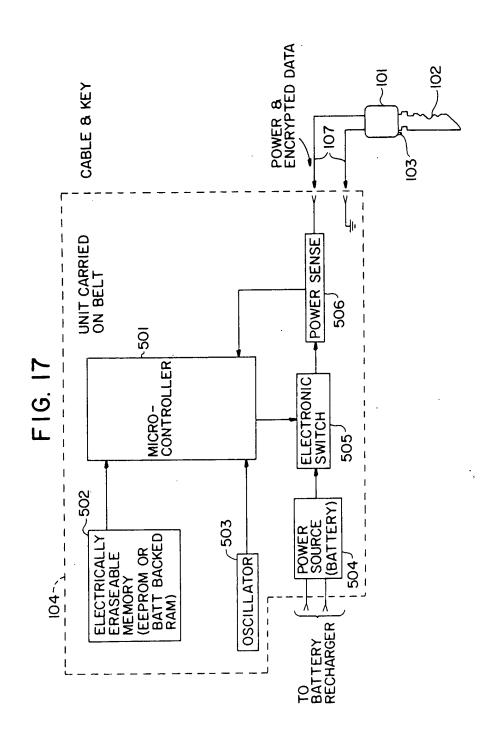


FIG. 15







POWER TO ELECTRONICS (UNINTERRUPTED BY DATA BEING SENT FROM V-KEY) OSCILLATOR -603 -602 LOAD ~606 ELECTRONIC SWITCH READ ONLY MEMORY ELECTRICALLY ERASABLE MEMORY POWER FILTER 604 ₎ ENCRYPTED DATA (FROM V-KEY) MICRO-PROCESSOR 208 SWITCH ~109 **2**09 NITINOL WIRE -80 608 ELECTRONIC SWITCH POWER AND ENCRYPTED DATA

(EEPROM)

F1G 19

